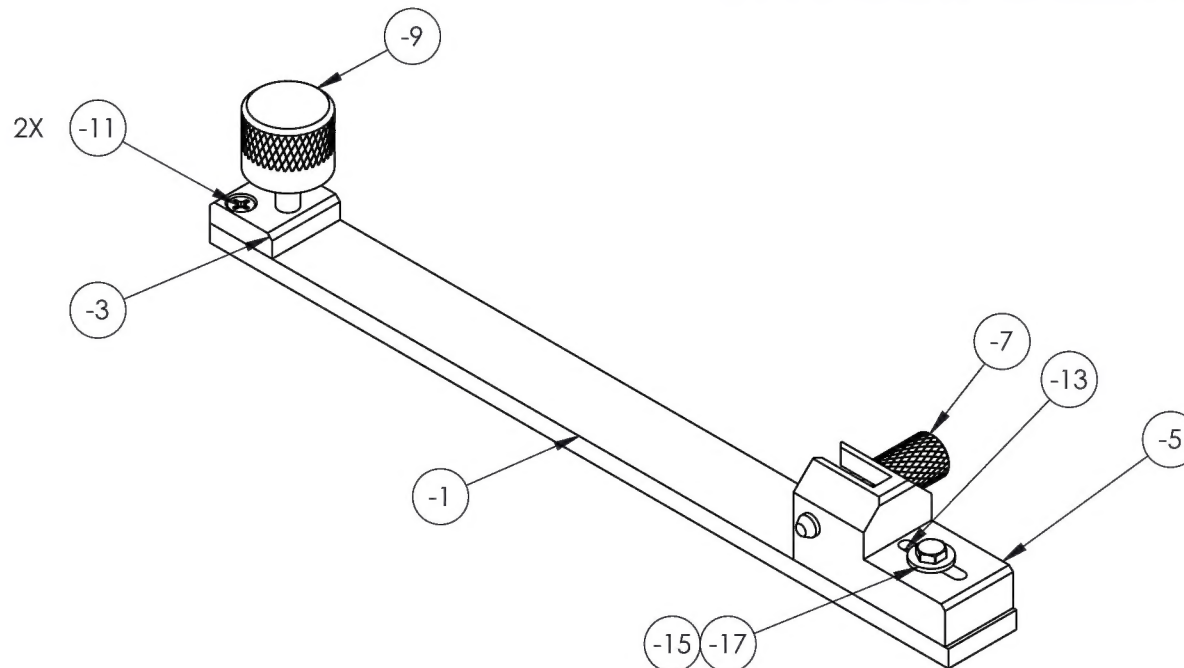



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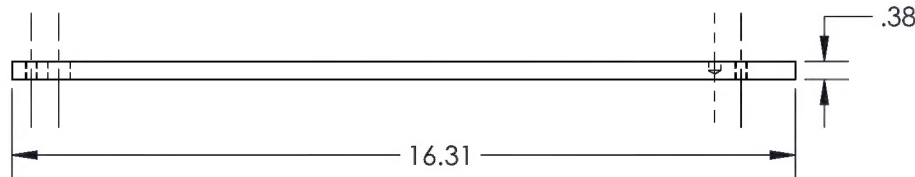
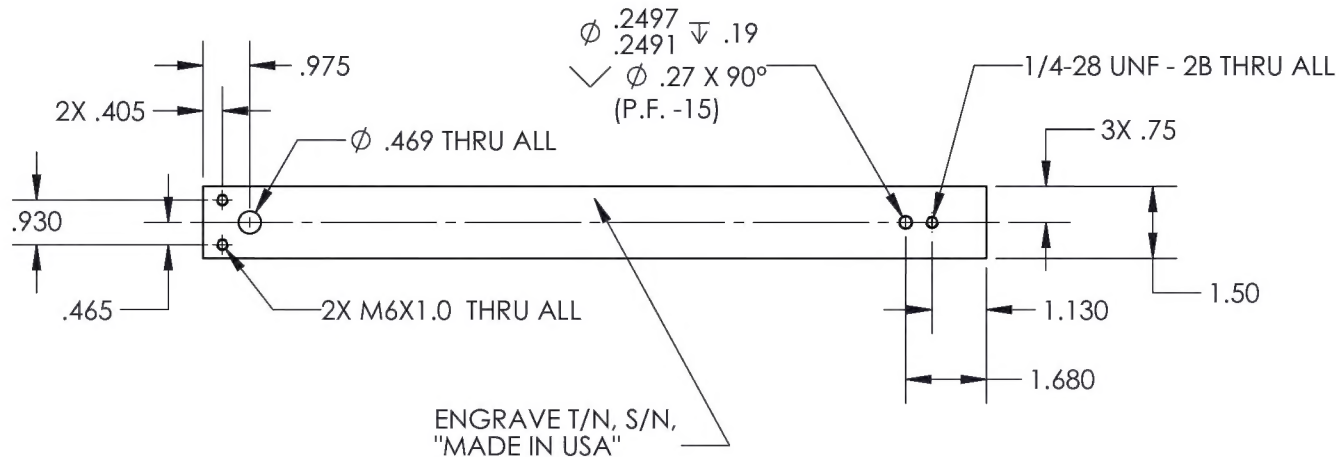
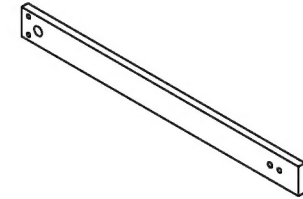
REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
A		CH'D T/N WAS RBEL134M6705-101 IS RBEL134M-6705-101	10/14/2013	RJC	RW
2	16-0135	UPDATED TO NEW STANDARD. -1 -3 -5 CH'D MAT'L WAS 1018 IS A36/1018/1020 HR. -7 -9 CH'D MAT'L WAS 1018 IS 1018/1020 CR. -19 -21 CH'D MAT'L WAS Y20 BLACK IS ETHAFOAM 220, BLACK, CH'D SUPPLIER WAS I.R. SPECILTY IS CASE SOLUTIONS. -1 CH'D DIM WAS (.375) IS .38, ADDED FINISH SPEC ZINC PLATE ASTM B633 TYPE I SC2. -3 CH'D DIM WAS $\varnothing .394$ THRU IS $\varnothing .394 +.005 -.000$ THRU ALL. ADDED FINISH ZINC PLATE. -5 CH'D DIM WAS $\varnothing .394$ THRU ALL IS $\varnothing .394 +.005 -.000$ THRU ALL. -7 CH'D DIMS WAS $\varnothing .785$ IS $\varnothing .79$ , WAS $\varnothing .390$ IS $\varnothing .390 +.000 -.005$ , WAS 2.910 IS 2.91, WAS 1.185 IS 1.19. ADDED MEDIUM KNURL NOTE, ADDED FINISH ZINC PLATE. -9 CH'D DIM WAS $\varnothing .390$ IS $\varnothing .390 +.000 -.005$ , WAS 1.180 IS 1.18, ADDED FINISH ZINC PLATE. -19 REMOVED DIM 4X R.68. ADDED DIMS 4X .60, 4X 45°. -21 CH'D DIM WAS 4X 2.00° IS 4X 2°. ADDED DIMS 4X .60, 4X 45°.	9/1/2016	DEW	SM



ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.			
			-1	1	BASE	A36/1018/1020 HR		2	<b>PITCH CHANGE LINK ADJUSTMENT TOOL</b>		
			-3	1	FIXED BLOCK	A36/1018/1020 HR		3			
			-5	1	ADJUSTABLE BLOCK	A36/1018/1020 HR		4	<b>RBEL134M-6705-101</b>		
			-7	1	PIN	1018/1020 CR		5			
			-9	1	PIN	1018/1020 CR		6	<b>REV 2</b>		
		B/O	-11	2	FLATHEAD MACHINE SCREW	S.S.	M6 X 1mm X 16mm (MCMaster-CARR #91801A311)	1			
		B/O	-13	1	DOWEL PIN	S.S.	$\varnothing 1/4$ X 7/8 (MCMaster-CARR #98380A541)	1	<b>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</b>		
		B/O	-15	1	HEX HEAD CAP SCREW	S.S.	1/4-28 UNF X 1-1/8 (MCMaster-CARR #92240A109)	1			
		B/O	-17	1	FLAT WASHER	S.S.	$\varnothing 5/16$ I.D. X $\varnothing 3/4$ (MCMaster-CARR #93852A102)	1	<b>1. BREAK ALL SHARP EDGES .015 x 45° OR .015R</b>		
		B/O	-19	1	BOTTOM FOAM	ETHAFOAM 220, BLACK	4-1/4 X 11-1/2 X 17 (CASE SOLUTIONS)	7			
		B/O	-21	1	LID FOAM	ETHAFOAM 220, BLACK	3/4 X 11-1/2 X 17-1/8 (CASE SOLUTIONS)	8	<b>2. DIMENSIONAL LIMITS APPLY AFTER PLATING</b>		
		B/O	-25	1	CASE	PLASTIC, BLACK	6-1/8 X 14-1/16 X 18-1/2 PELICAN #APP-1500-E	N/S			
		B/O		1	DART PLACARD	ALUMINUM	RB41011	N/S	<b>3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009</b>		
									<b>USED ON MODEL</b>		
									<b>EC135</b>		
									<b>SCALE 1:3</b>		
									<b>DATE 2/9/2012</b>		
									<b>SHEET 1 OF 8</b>		

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0135	-1 CH'D DIM WAS (.375) IS .38. CH'D MAT'L WAS 1018 IS A36/14018/1020 HR. ADDED FINISH SPEC ZINC PLATE ASTM B633 TYPE I SC2.	9/1/2016	DEW	SM

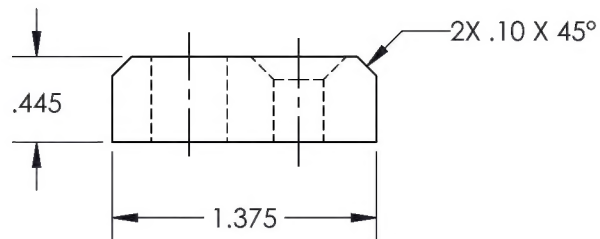
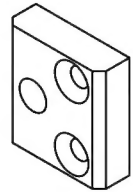
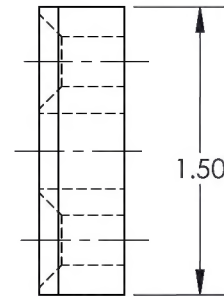
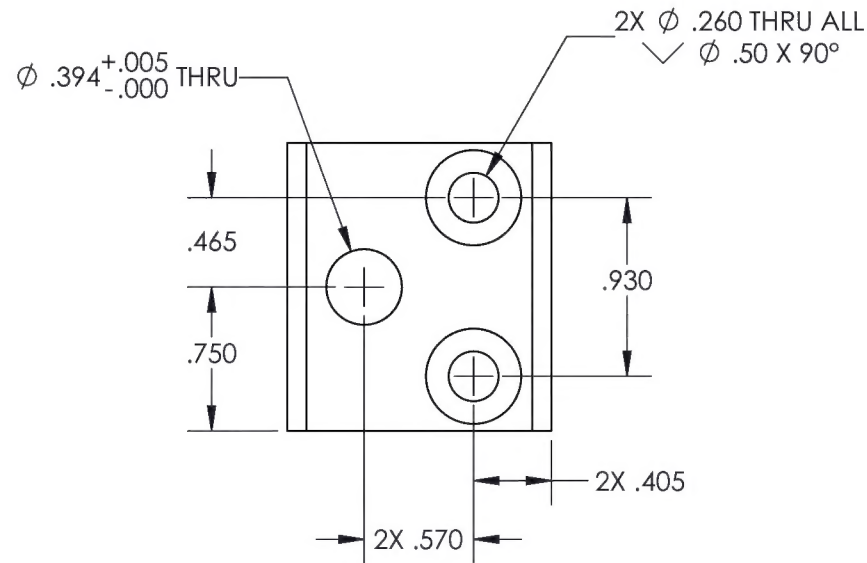


(-1)  
BASE

<b>DART AEROSPACE</b>	
TITLE <b>PITCH CHANGE LINK ADJUSTMENT TOOL</b>	
DWG NO. <b>RBEL134M-6705-101-1</b>	REV <b>2</b>
MAT'L A36/1018/1020 HR FINISH ZINC PLATE SPEC ASTM B633 TYPE I SC 2	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125°	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: CLOUGH	USED ON MODEL
CHECKED: CLOUGH	EC135
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: MACKOVJAK	
SCALE 1:4	DATE 2/9/2012
SHEET 2 OF 8	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0135	-3 CH'D DIM WAS $\varnothing .394$ THRU IS $\varnothing .394 +.005 -.000$ THRU ALL. CH'D MAT'L WAS 1018 IS A36/1018/1020 HR. ADDED FINISH ZINC PLATE.	9/1/2016	DEW	SM



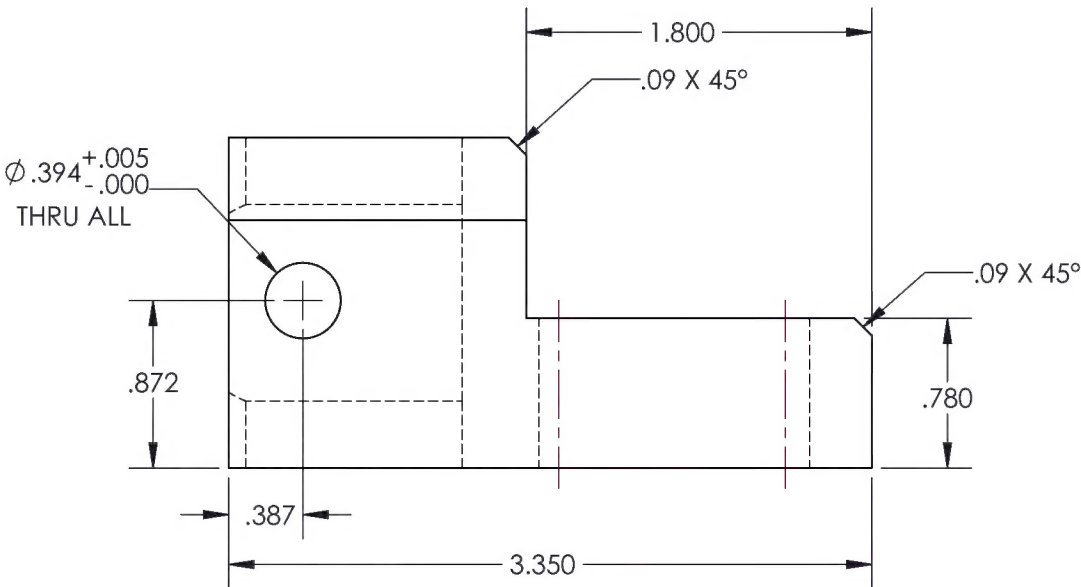
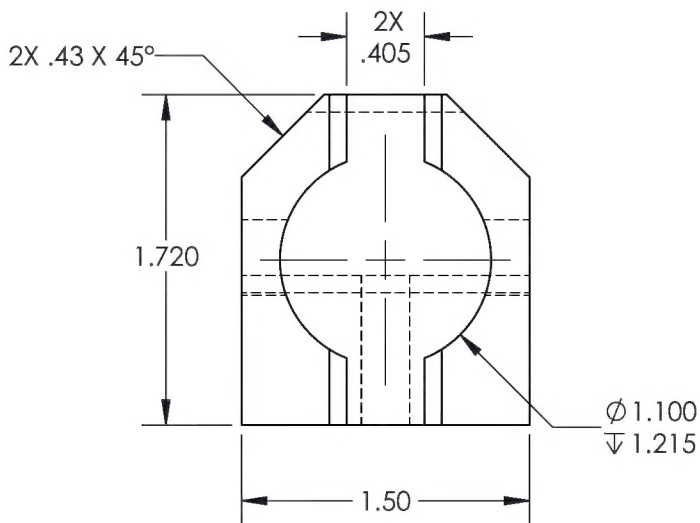
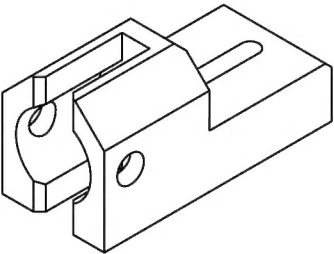
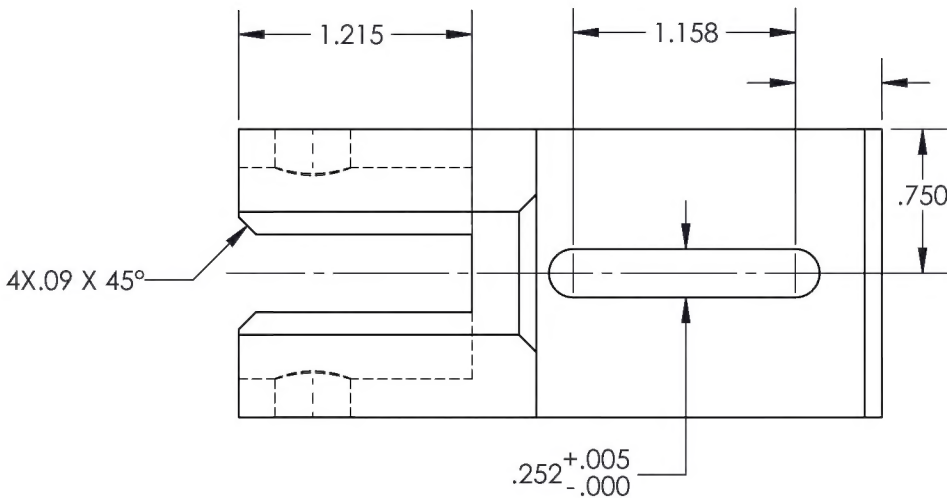
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FIXED BLOCK

<b>DART AEROSPACE</b>	
TITLE <b>PITCH CHANGE LINK ADJUSTMENT TOOL</b>	
DWG NO. <b>RBEL134M-6705-101-3</b>	REV <b>2</b>
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX $\pm$ .005 FRACTIONS $\pm$ 1/8
SPEC ASTM B633 TYPE I SC 2	.XX $\pm$ .01 ANGLES $\pm$ 5°
DRAWN BY: CLOUGH	.X $\pm$ .1 SURFACES = 125°
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: MACKOVJAK	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 2/9/2012	USED ON MODEL
SHEET 3 OF 8	EC135

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0135	-5 CH'D DIM WAS $\varnothing .394$ THRU ALL IS $\varnothing .394 +.005 -.000$ THRU ALL. CH'D MAT'L 1018 IS A36/1018/1020 HR.	9/1/2016	DEW	SM



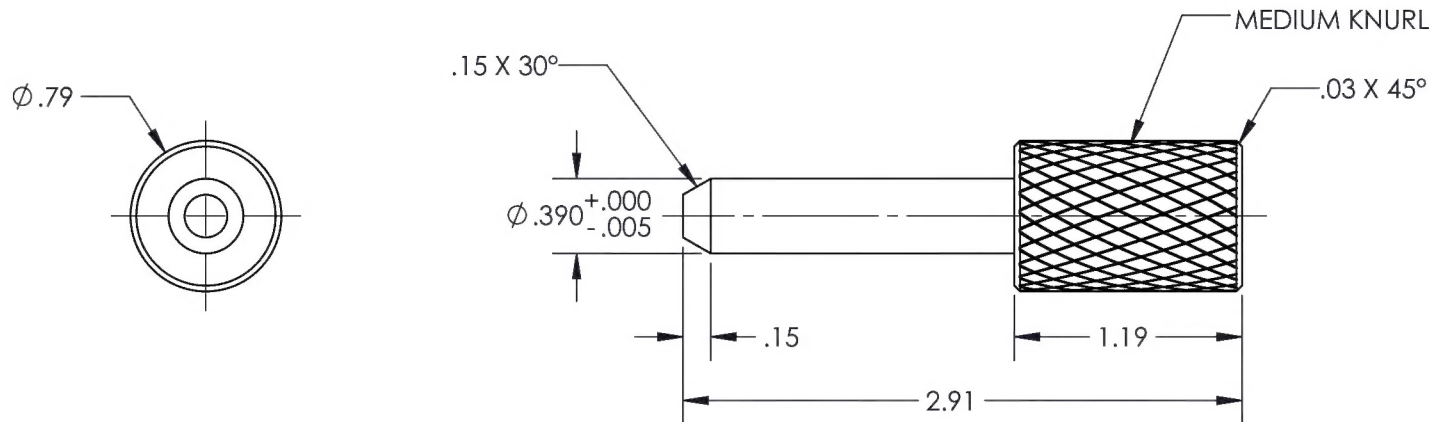
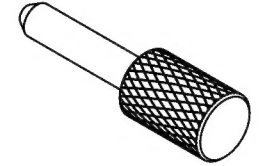
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ADJUSTABLE BLOCK

DART AEROSPACE			
TITLE		PITCH CHANGE LINK ADJUSTMENT TOOL	
DWG NO.		RBEL134M-6705-101-5	REV 2
MAT'L A36/1018/1020 HR		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT TREAT		.XXX $\pm .005$ FRACTIONS $\pm 1/8$	
FINISH ZINC PLATE		.XX $\pm .01$ ANGLES $\pm 5^\circ$	
SPEC ASTM B633 TYPE I SC 2		.X $\pm .1$ SURFACES = 125/	
DRAWN BY: CLOUGH		1. BREAK ALL SHARP EDGES .015 X 45° OR .015R	
CHECKED: CLOUGH		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY		USED ON MODEL	
APPROVED: MACKOVJAK		EC135	
SCALE 1:1		DATE 2/9/2012	SHEET 4 OF 8

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0135	-7 CH'D DIMS WAS $\phi .785$ IS $\phi .79$ , WAS $\phi .390$ IS $\phi .390 +.000 -.005$ , WAS 2.910 IS 2.91, WAS 1.185 IS 1.19. ADDED MEDIUM KNURL NOTE. CH'D MAT'L WAS 1018 IS 1018/1020. ADDED FINISH ZINC PLATE.	9/1/2016	DEW	SM



(7)

PIN

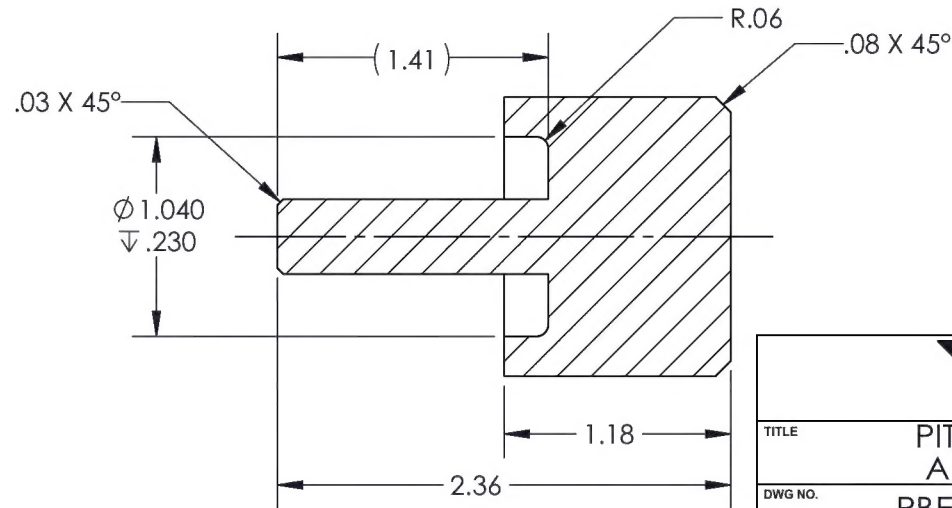
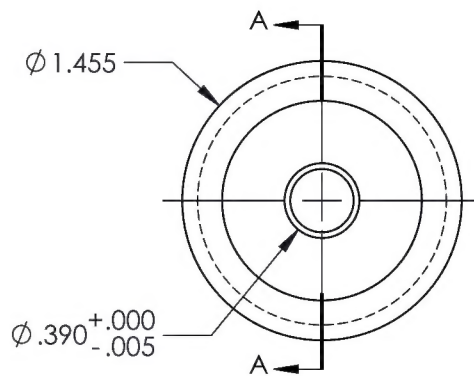
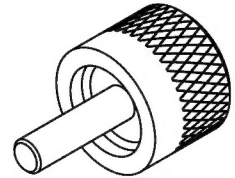
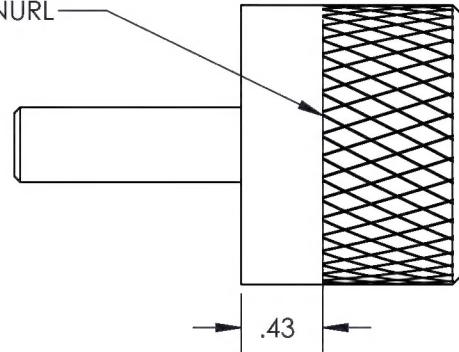
<b>DART AEROSPACE</b>	
TITLE PITCH CHANGE LINK ADJUSTMENT TOOL	
DWG NO. RBEL134M-6705-101-7	REV 2
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX $\pm$ .005 FRACTIONS $\pm$ 1/8
SPEC ASTM B633 TYPE I SC 2	.XX $\pm$ .01 ANGLES $\pm$ .5°
DRAWN BY: CLOUGH	.X $\pm$ .1 SURFACES = 125°
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 2/9/2012	USED ON MODEL
SHEET 5 OF 8	



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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0135	-9 CH'D DIM WAS $\varnothing .390$ IS $\varnothing .390 +.000 -.005$ , WAS 1.180 IS 1.18. CH'D MAT'L WAS 1018 IS 1018/1020 CR. ADDED FINISH ZINC PLATE.	9/1/2016	DEW	SM

MEDIUM  
KNURL



SECTION A-A

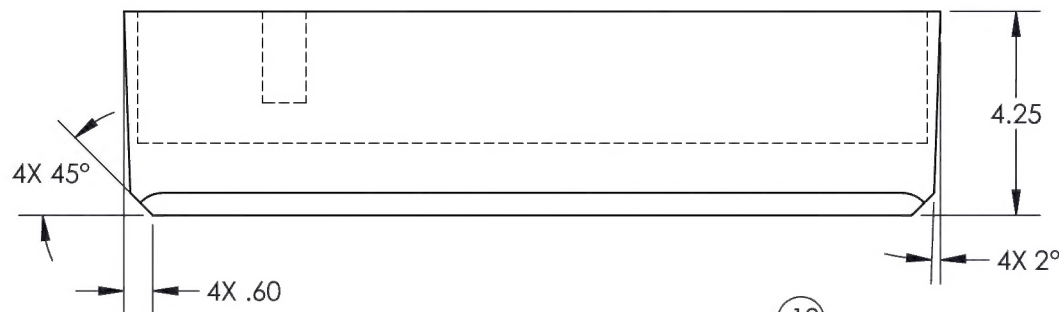
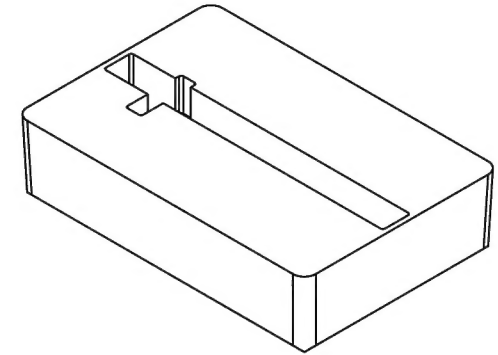
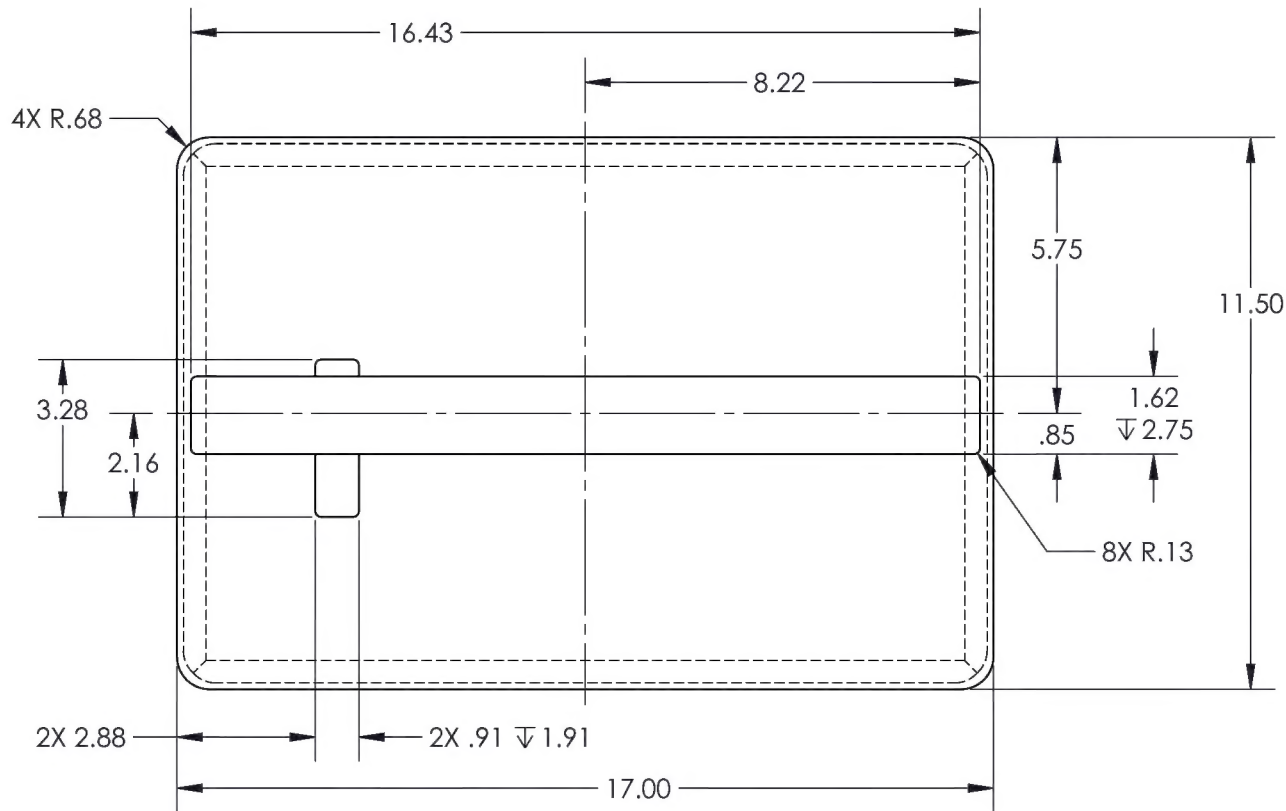
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PIN

<b>DART AEROSPACE</b>																								
TITLE <b>PITCH CHANGE LINK ADJUSTMENT TOOL</b>																								
DWG NO. <b>RBEL134M-6705-101-9</b>	REV <b>2</b>																							
<table border="1"> <tr> <td>MAT'L 1018/1020 CR</td> <td rowspan="4"> <b>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</b>            .XXX <math>\pm</math> .005 FRACTIONS <math>\pm</math> 1/8            .XX <math>\pm</math> .01 ANGLES <math>\pm</math> 5°            .X <math>\pm</math> .1 SURFACES = 125°         </td> </tr> <tr> <td>HEAT TREAT</td> </tr> <tr> <td>FINISH ZINC PLATE</td> </tr> <tr> <td>SPEC ASTM B633 TYPE I SC 2</td> </tr> <tr> <td>DRAWN BY: CLOUGH</td> <td colspan="2">           1. BREAK ALL SHARP EDGES            .015 x 45° OR .015R         </td> </tr> <tr> <td>CHECKED: CLOUGH</td> <td colspan="2">           2. DIMENSIONAL LIMITS APPLY            AFTER PLATING         </td> </tr> <tr> <td>OPPS APPR: ANDERSON</td> <td colspan="2">           3. INTERPRET DIM AND TOL PER            ASME Y14.5M-2009         </td> </tr> <tr> <td>QA APPR: LINDSAY</td> <td colspan="2">           USED ON MODEL         </td> </tr> <tr> <td>APPROVED: MACKOVJAK</td> <td colspan="2">           EC135         </td> </tr> <tr> <td>SCALE 1:1</td> <td>DATE 2/9/2012</td> <td>SHEET 6 OF 8</td> </tr> </table>		MAT'L 1018/1020 CR	<b>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</b> .XXX $\pm$ .005 FRACTIONS $\pm$ 1/8 .XX $\pm$ .01 ANGLES $\pm$ 5° .X $\pm$ .1 SURFACES = 125°	HEAT TREAT	FINISH ZINC PLATE	SPEC ASTM B633 TYPE I SC 2	DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING		OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009		QA APPR: LINDSAY	USED ON MODEL		APPROVED: MACKOVJAK	EC135		SCALE 1:1	DATE 2/9/2012	SHEET 6 OF 8
MAT'L 1018/1020 CR	<b>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</b> .XXX $\pm$ .005 FRACTIONS $\pm$ 1/8 .XX $\pm$ .01 ANGLES $\pm$ 5° .X $\pm$ .1 SURFACES = 125°																							
HEAT TREAT																								
FINISH ZINC PLATE																								
SPEC ASTM B633 TYPE I SC 2																								
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R																							
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING																							
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009																							
QA APPR: LINDSAY	USED ON MODEL																							
APPROVED: MACKOVJAK	EC135																							
SCALE 1:1	DATE 2/9/2012	SHEET 6 OF 8																						

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0135	-19 CH'D MAT'L WAS Y20 BLACK IS ETHAFOAM 220, BLACK. REMOVED DIM 4X R.68. ADDED DIMS 4X .60, 4X 45°.	9/1/2016	DEW	SM



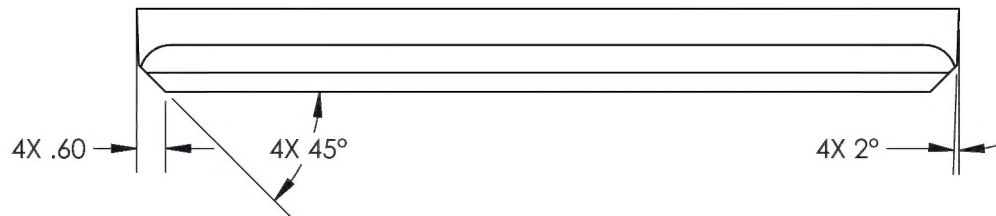
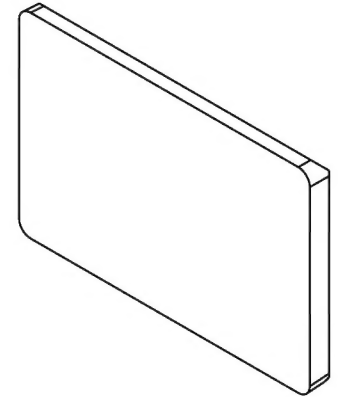
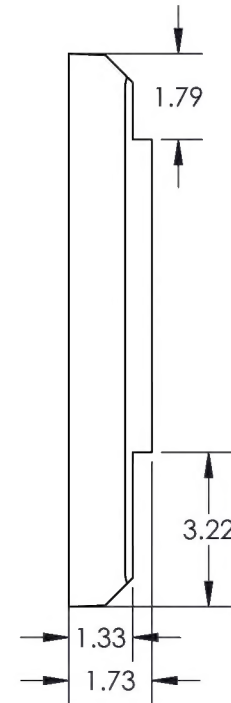
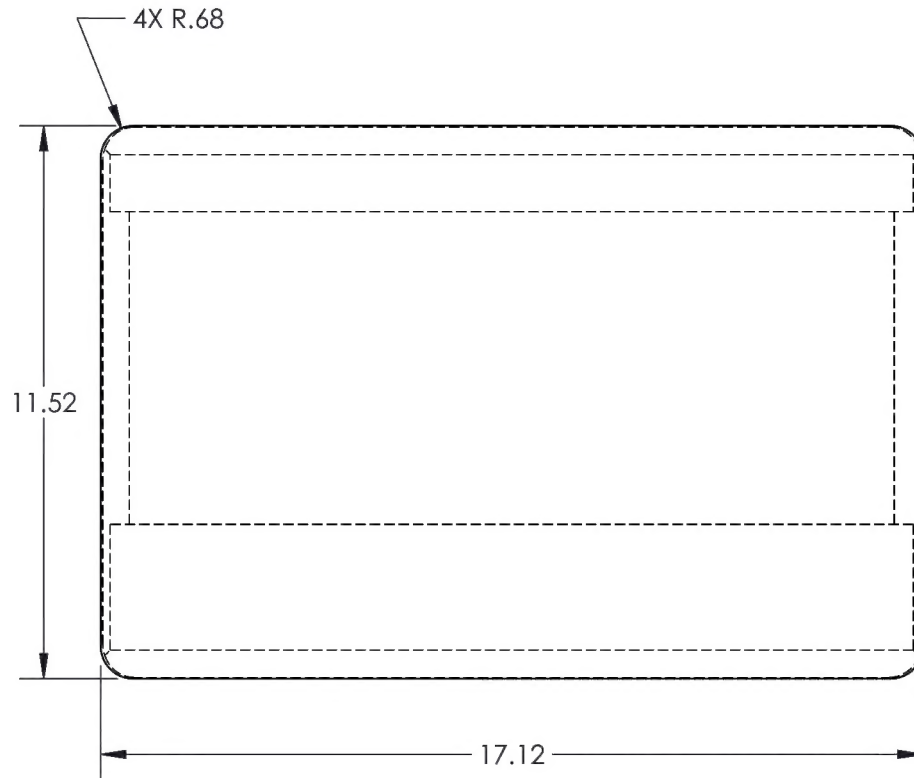
(-19)

BOTTOM FOAM

<b>DART AEROSPACE</b>	
TITLE PITCH CHANGE LINK ADJUSTMENT TOOL	
DWG NO. RBEL134M-6705-101-19	REV 2
MAT'L ETHAFOAM 220, BLACK	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .010 FRACTIONS ± 1/8	
.XX ± .03 ANGLES ± 1°	
.X ± .1 SURFACES = 125°	
SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: CLOUGH	USED ON MODEL
CHECKED: CLOUGH	EC135
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: MACKOVJAK	
SCALE 1:4	DATE 2/9/2012
SHEET 7 OF 8	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0135	-21 CH'D DIM WAS 4X 2.00° IS 4X 2°. CH'D MAT'L WAS Y20 BLACK IS ETHAFOAM 220, BLACK. ADDED DIMS 4X .60, 4X 45°.	9/1/2016	DEW	SM



(21)

LID FOAM

<b>DART AEROSPACE</b>	
TITLE PITCH CHANGE LINK ADJUSTMENT TOOL	
DWG NO. RBEL134M-6705-101-21	REV 2
MAT'L ETHAFOAM 220, BLACK	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .010 FRACTIONS ± 1/8	
.XX ± .03 ANGLES ± 1°	
.X ± .1 SURFACES = 125°	
SPEC	
1. BREAK ALL SHARP EDGES	
.015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY	
AFTER PLATING	
3. INTERPRET DIM AND TOL PER	
ASME Y14.5M-2009	
DRAWN BY: CLOUGH	USED ON MODEL
CHECKED: CLOUGH	EC135
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: MACKOVJAK	
SCALE 1:4	DATE 2/10/2012
SHEET 8 OF 8	